

1 1. A method comprising:
2 routing a set-up message to a plurality of nodes in a transport network, wherein said set-up
3 message reserves network resources for a plurality of traffic paths through said transport network as
4 said set-up message visits each of said plurality of nodes; and
5 routing said set-up message to said plurality of nodes in said transport network, wherein said
6 set-up message provisions network resources for said plurality of traffic paths through said transport
7 network as said set-up message revisits each of said plurality of nodes.

1 2. The method of claim 1 wherein at least one of said plurality of traffic paths is a working
2 path in a SONET network and wherein at least one of said plurality of traffic paths is a protection path
3 for said working path.

1 3. The method of claim 1 wherein said set-up message revisits each of said plurality of nodes
2 in the reverse order in which said set-up message visits each of said plurality of nodes.

1 4. The method of claim 1 wherein said transport network is a mesh network.

1 5. The method of claim 1 wherein said transport network is a ring network.